O.I.P.E IAP44
JUL 13 2007
PATENT & TRADEMARK OFFICE

FIG. 1 PRIOR ART

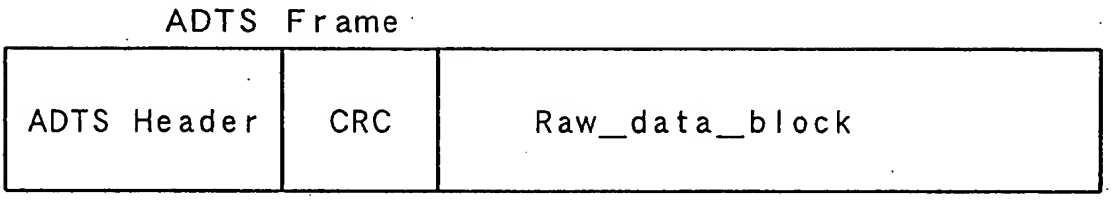


FIG. 2 PRIOR ART

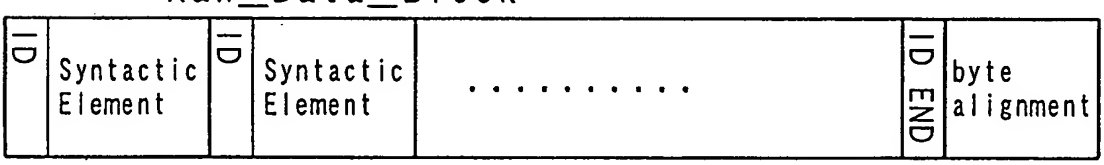


FIG. 3 PRIOR ART

Syntactic Element	ID name	Encoding	Abbreviation
single_channel_element	ID_SCE	0x0	SCE
channel_pair_element	ID_CPE	0x1	CPE
coupling_channel_element	ID_CCE	0x2	CCE
lfe_channel_element	ID_LFE	0x3	LFE
Data_stream_element	ID_DSE	0x4	DSE
program_config_element	ID_PCE	0x5	PCE
fill_element	ID_FIL	0x6	FIL
Terminator	ID_END	0x7	TERM

REPLACEMENT SHEET

FIG. 4 PRIOR ART

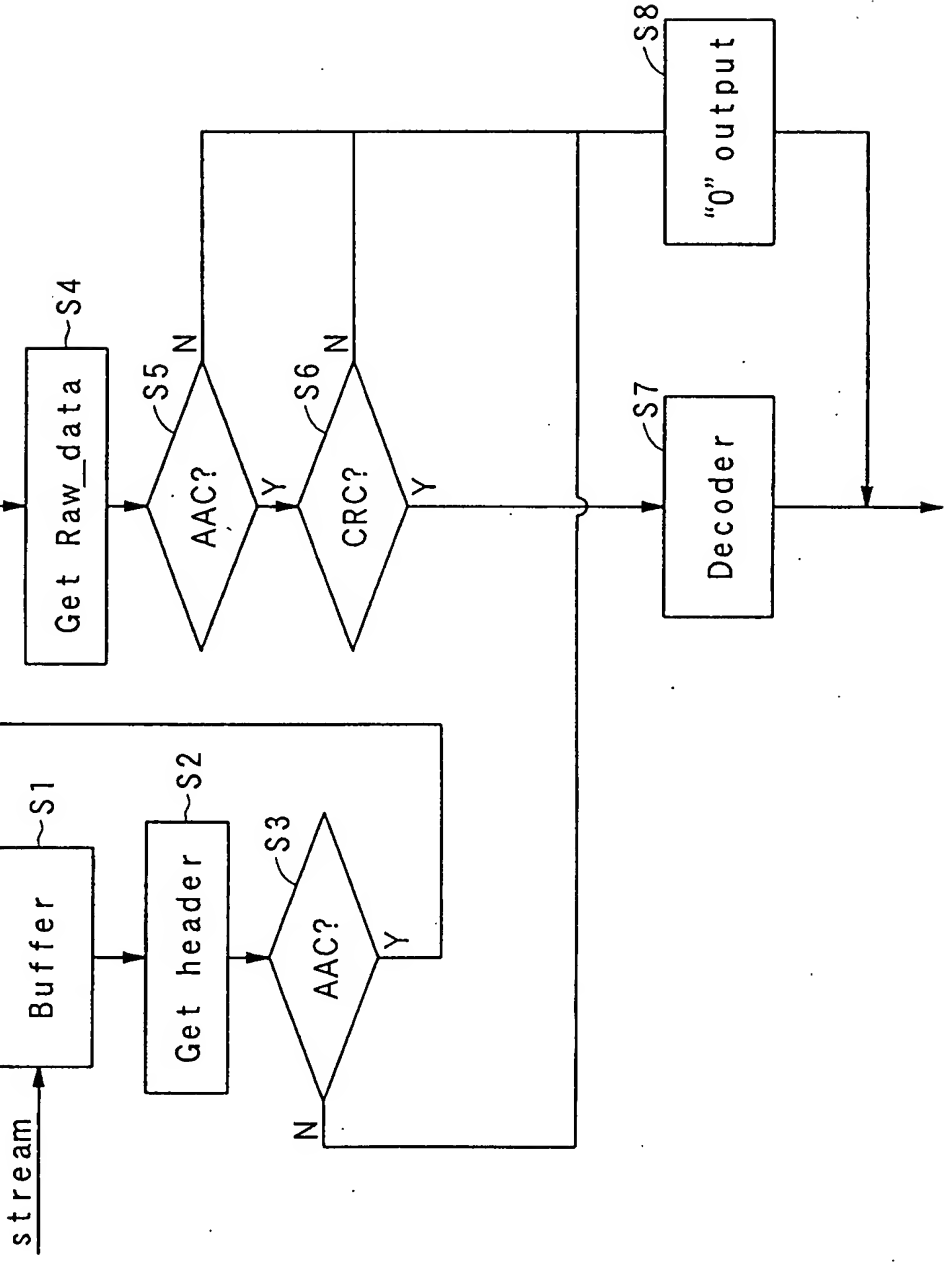


FIG. 5 PRIOR ART

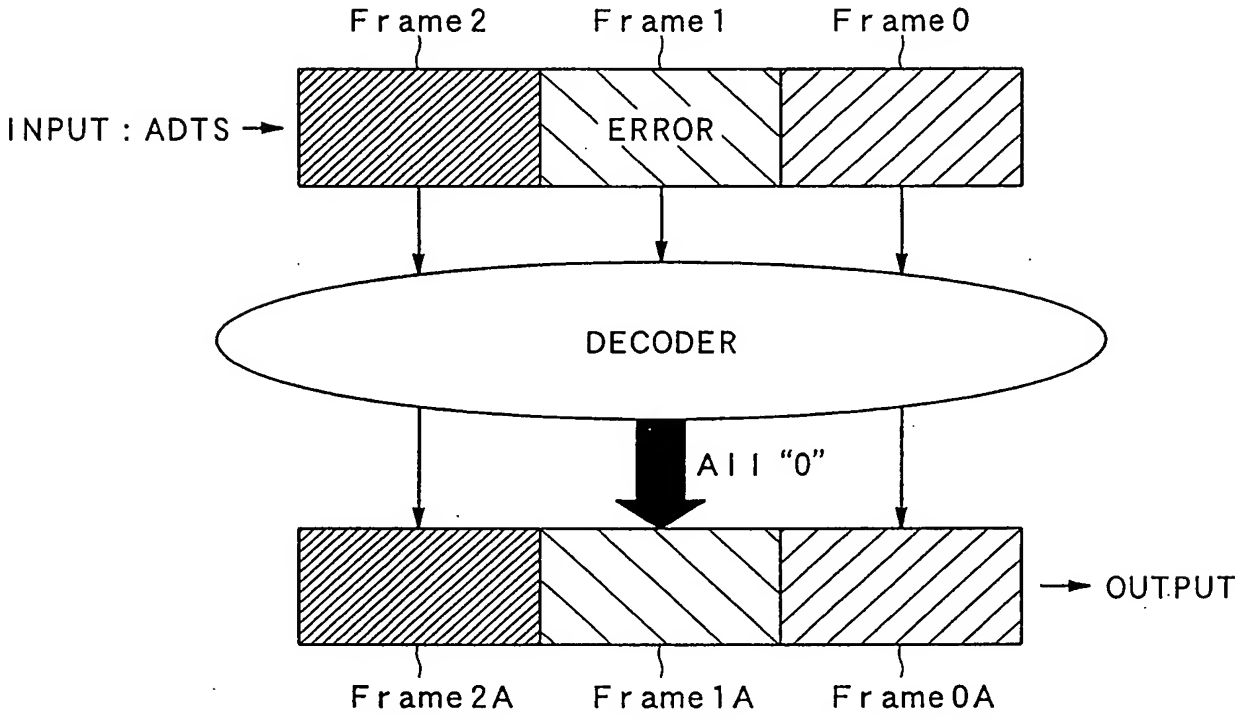


FIG. 6 PRIOR ART

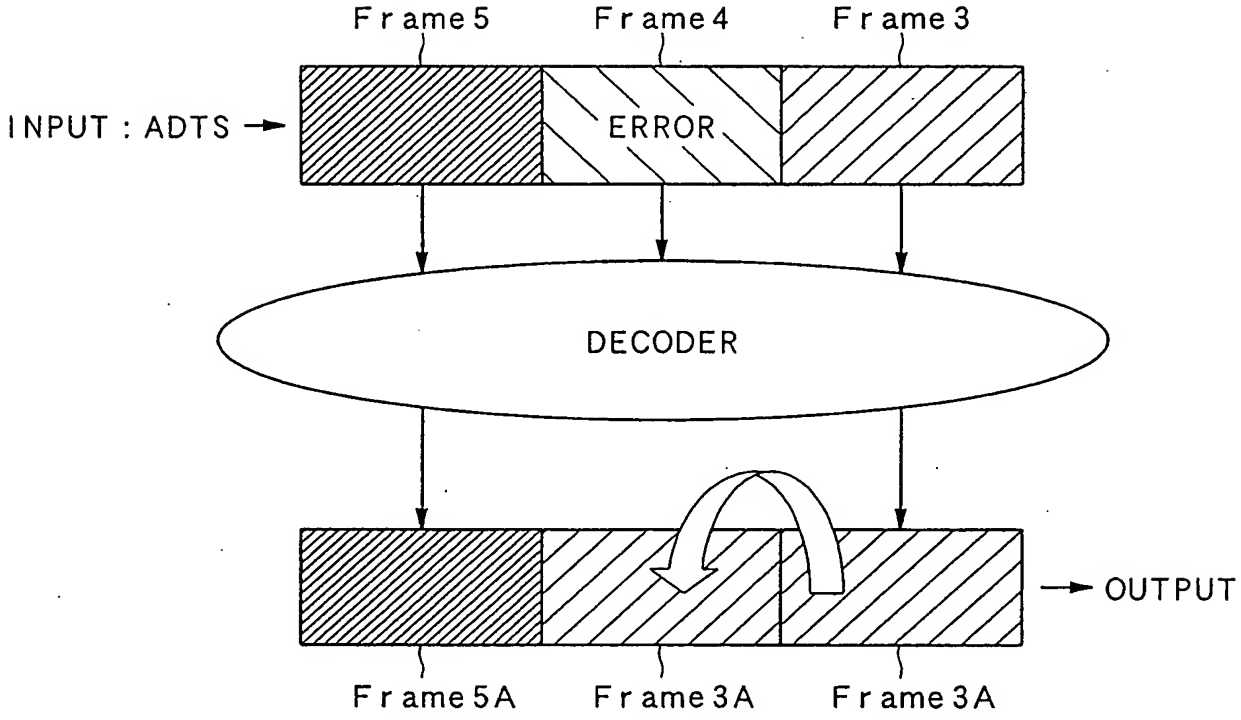


FIG. 7

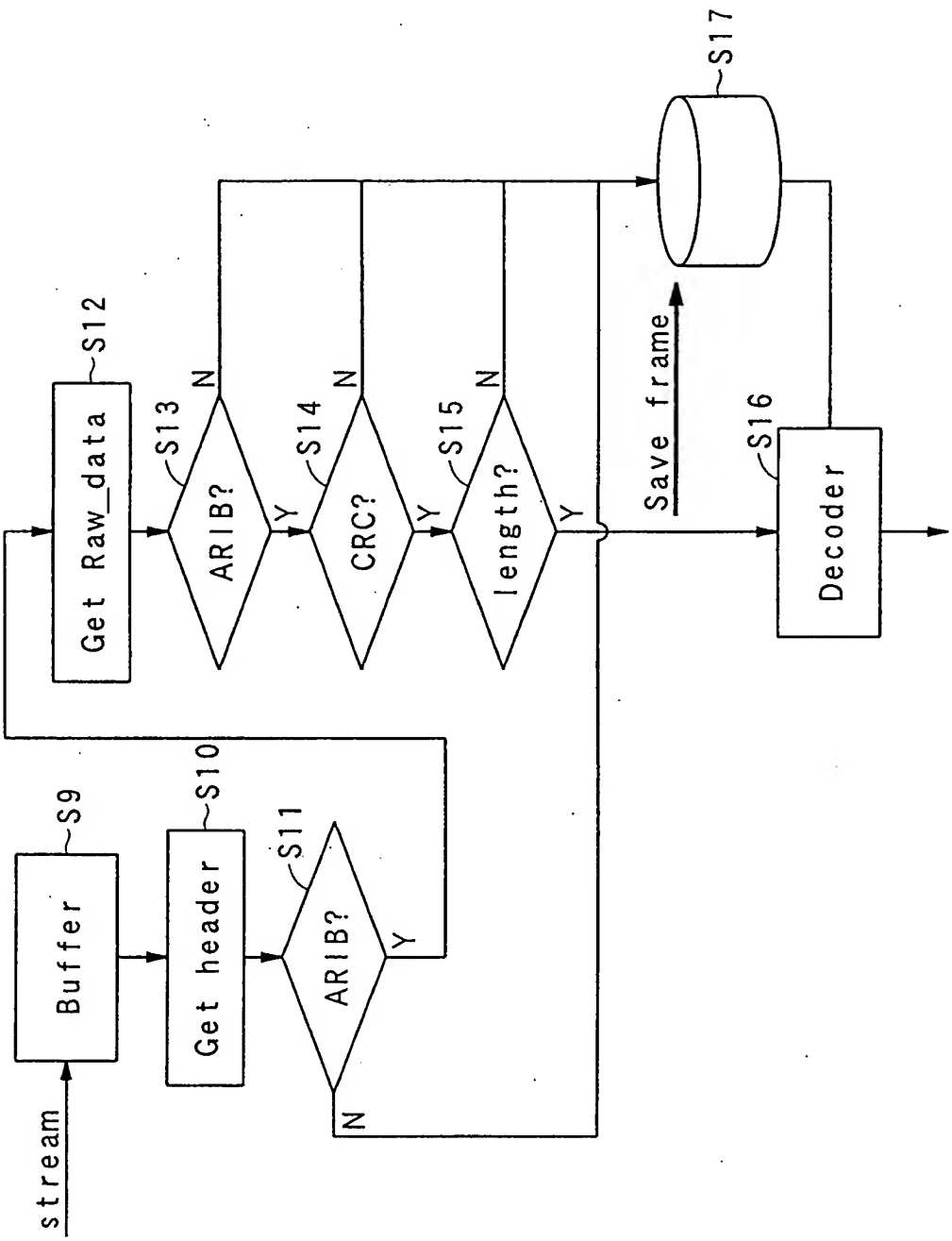

stream
Buffer
S9
Get header
S10
ARIB?
S11
Y
N
Get Raw_data
S12
ARIB?
S13
CRC?
S14
length?
S15
Save frame
S17
Decoder
S16

FIG. 8

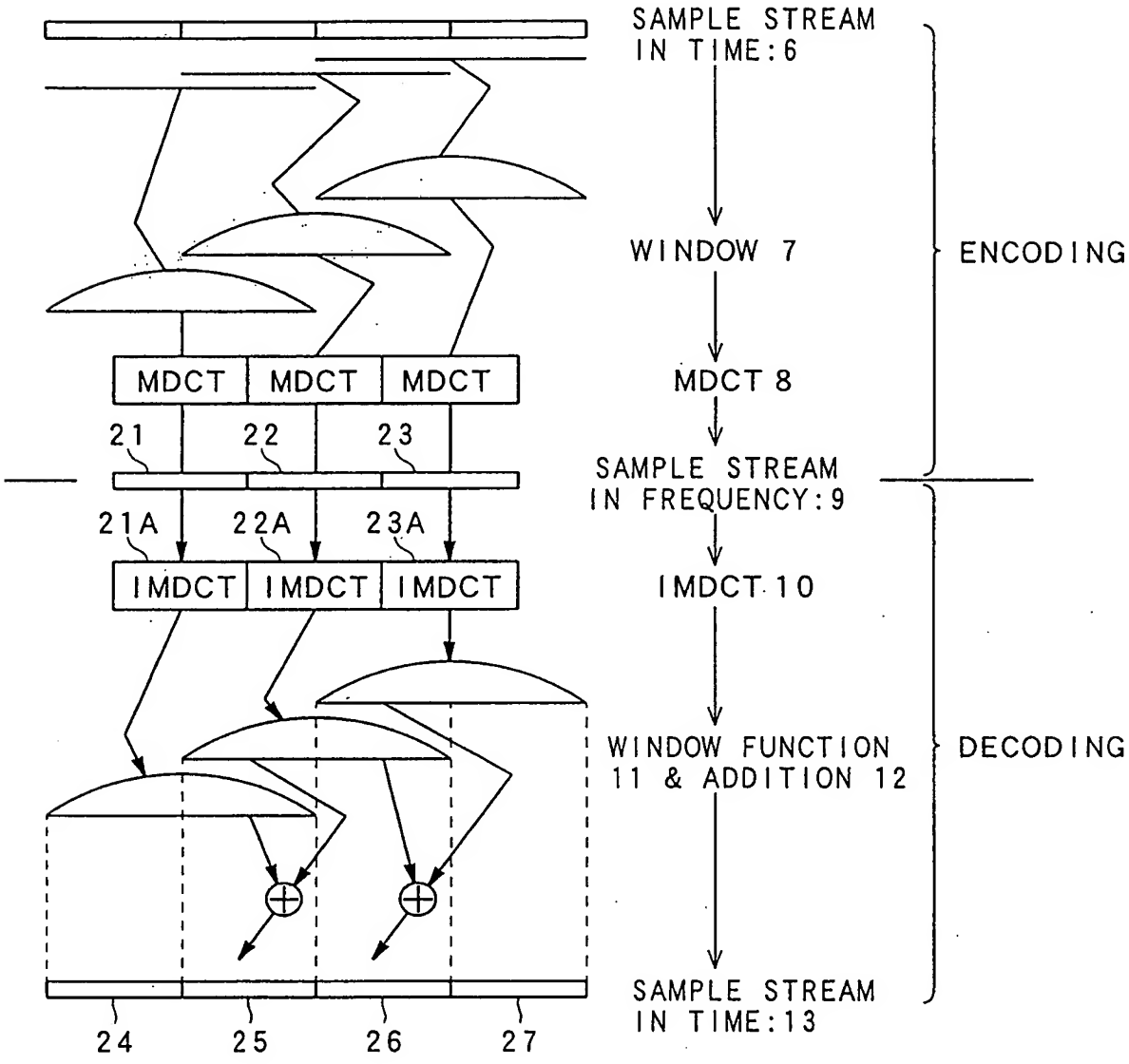

SAMPLE STREAM IN TIME:6
WINDOW 7
MDCT 8
SAMPLE STREAM IN FREQUENCY:9
IMDCT 10
WINDOW FUNCTION 11 & ADDITION 12
SAMPLE STREAM IN TIME:13
ENCODING
DECODING
MDCT
MDCT
MDCT
21
22
23
21A
22A
23A
IMDCT
IMDCT
IMDCT
24
25
26
27

FIG. 9

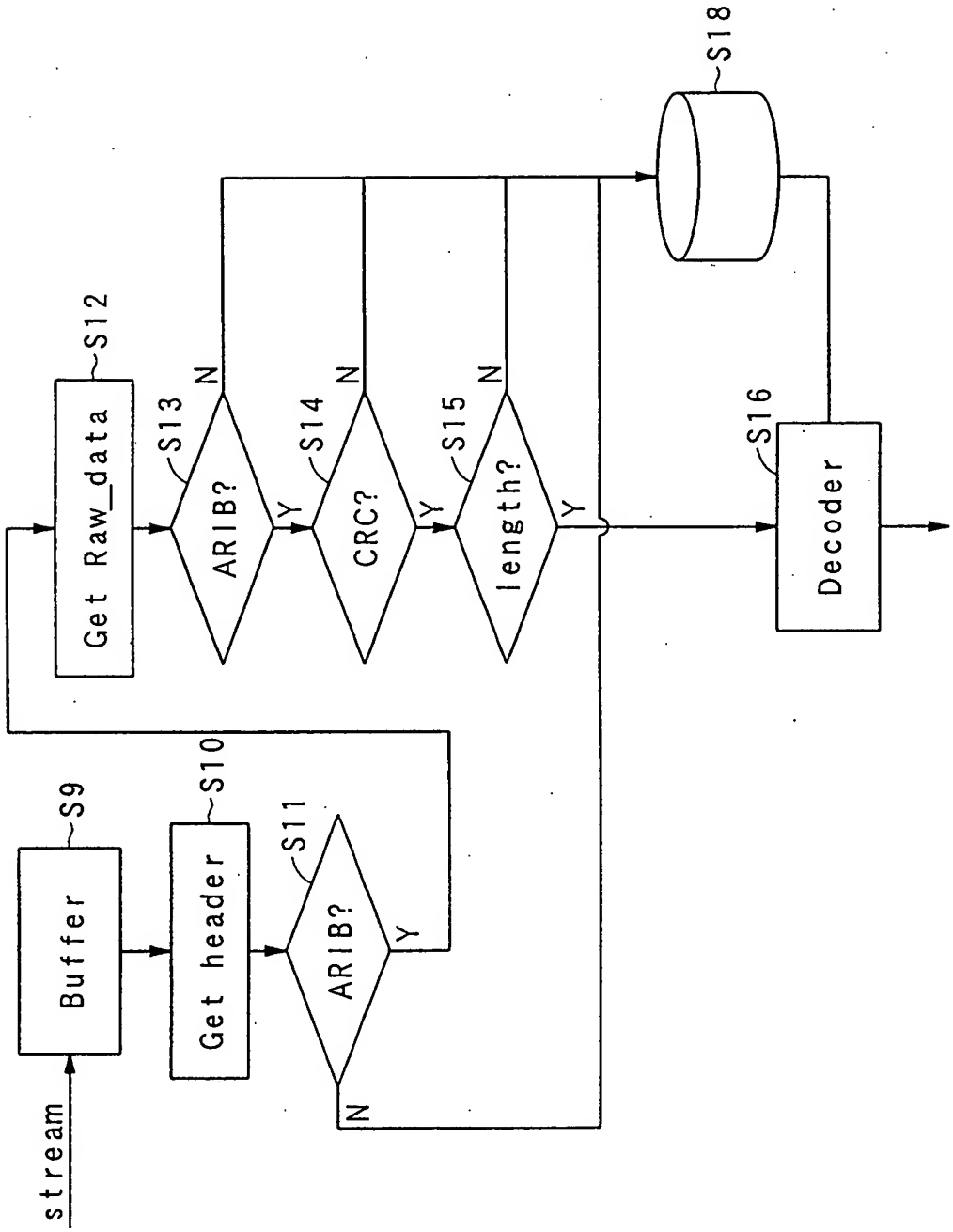
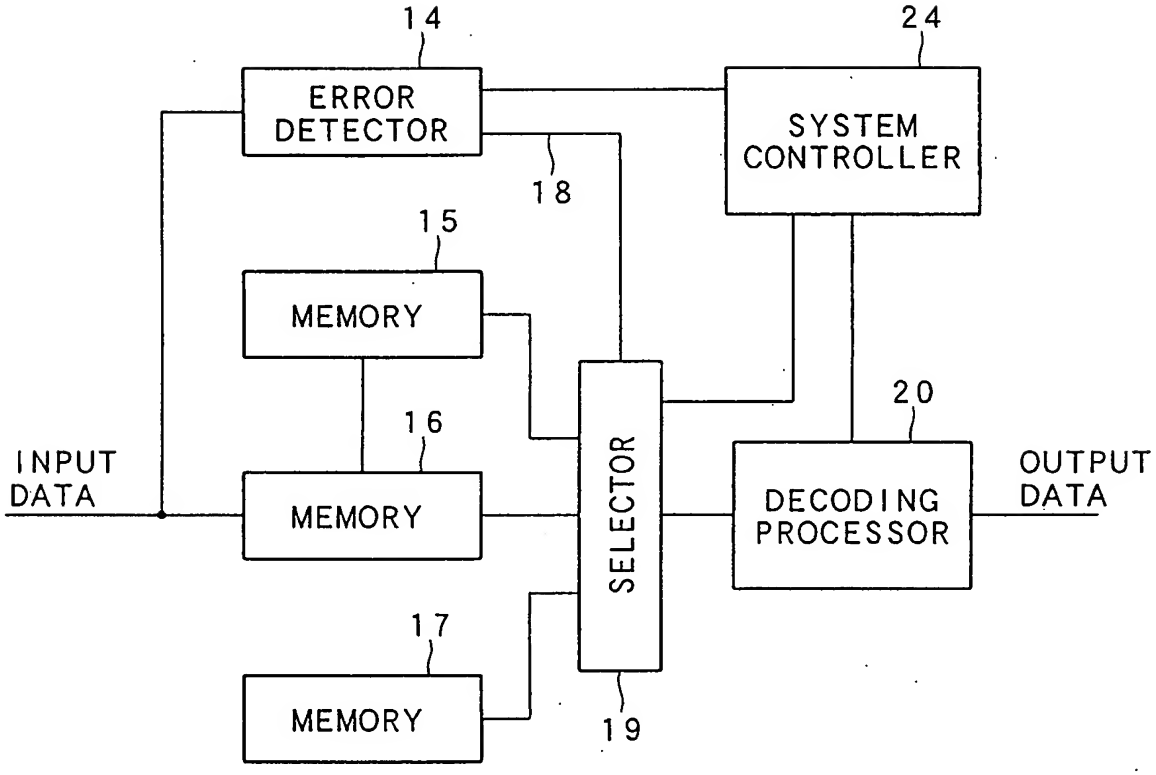

stream
Buffer
S9
Get header
S10
ARIB?
S11
N
Y
Get Raw_data
S12
ARIB?
S13
N
Y
CRC?
S14
N
Y
length?
S15
N
Y
S18
Decoder
S16

FIG. 10


14
ERROR DETECTOR
18
24
SYSTEM CONTROLLER
15
MEMORY
16
MEMORY
17
MEMORY
INPUT DATA
SELECTOR
19
20
DECODING PROCESSOR
OUTPUT DATA